

## Product datasheet for **MR217250L3V**

### Ereg (NM\_007950) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ereg (NM_007950) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ereg
Synonyms:	EPR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007950
ORF Size:	486 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217250).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_007950.2</a> , <a href="#">NP_031976.1</a>
RefSeq Size:	4136 bp
RefSeq ORF:	489 bp
Locus ID:	13874
UniProt ID:	<a href="#">Q61521</a>
Cytogenetics:	5 E1



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**Gene Summary:**

Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (By similarity). Contributes to inflammation, wound healing, tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (PubMed:24631357).[UniProtKB/Swiss-Prot Function]